

Medication List

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**Medications Administered by Vermont EMS Providers
February 2006**

Emergency Care Attendants and Emergency Medical Technicians

Medication	Route	Dose	
		Adult	Child
Oxygen	inhaled	6–15 liters per minute by nonrebreather or (rarely) 2–4 lpm by nasal cannula	
Oral glucose	oral	one tube	
Activated charcoal	oral	1 gm/kg of body weight	

Emergency Medical Technician–Intermediate–90s

Medication	Route	Dose	
		Adult	Child
Dextrose 50%	IV push	25 grams	0.5 – 1 gm/kg body weight up to 25 gm
Epinephrine 1:1,000	SQ, IM	0.3 – 0.5 mg	0.01 mg/kg up to 0.4 mg
Naloxone	IV, SQ, ▲ intranasal	0.4 – 2 mg	0.01 mg/kg
Intravenous solutions		Dose	
Dextrose 5%		KVO	
Lactated Ringer's		KVO to wide open; maximum 1 liter by standing order	20 cc/kg
Normal saline (0.9% sodium chloride)		KVO to wide open; maximum 1 liter by standing order	20 cc/kg

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Emergency Medical Technician–Intermediate–03s

Medication	Route	Dose	
		Adult	Child
Albuterol	Inhaled	2 inhalations from metered dose inhaler or 2.5 mg in 3 ml normal saline by nebulizer	
Aspirin	Oral	81 – 325 mg	Not usually given
Glucagon	IM, SQ	0.5 – 1 mg	0.5 mg
Nitroglycerin	Sublingual (tablet or spray)	0.4 mg	Not recommended
Thiamine	IV, IM	100 mg	Not recommended

Emergency Medical Technician – Paramedics

Medication	Route	Dose	
		Adult	Child
Adenosine	IV push	6 – 12 mg	0.1 – 0.2 mg/kg up to 12 mg
Amiodarone (for tachycardia)	IV push	150 mg over 10 min	5 mg/kg over 20 – 60 min
Atropine	IV push, ET	0.5 – 1 mg	0.02 mg/kg
Calcium Chloride	IV push	250 – 500 mg	5 – 7 mg/kg
Cetacaine	Topical	1 second spray	Not recommended
Diazepam	IV push, ET	2 – 10 mg/kg	0.2 – 1 mg/kg
	Rectal	0.2 mg/kg	0.2 – 0.5 mg/kg
Diltiazem	IV	0.25 – 0.35 mg/kg	Not usually given

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Diphenhydramine	IV, IM	50 mg	1 – 2 mg/kg
Dopamine	IV drip	2 – 20 µg/kg/min	
Epinephrine 1:10,000	IV push, ET	cardiac arrest: 1 mg anaphylaxis: 0.3 – 0.5 mg	0.01 mg/kg
Epinephrine	IV drip	2 – 10 µg/min	0.01 µg/kg/min
Flumazenil	IV	0.2 – 1 mg	Not usually given
Furosemide	IV push	0.5 – 1 mg/kg	Not usually given
Glycopyrrolate	Inhaled	0.2 – 1.2 mg in 2.5 ml normal saline by nebulizer	Not usually given
Ipratropium	Inhaled	0.5 mg in 2.5 ml normal saline by nebulizer	Not usually given
Lidocaine hydrochloride	IV push, ET	0.5 – 1.5 mg/kg	1 mg/kg
	IV drip	2 – 4 mg/min	20 – 50 µg/kg/min
Lidocaine viscous 2%	Topical	as needed	Not recommended
Lorazepam	Slow IV, IM or Rectal	0.5 – 4 mg	0.05 – 0.1 mg/kg
Magnesium sulfate	IV push	cardiac: 1 – 2 gm	Not recommended
	Slow IV	eclampsia: 2 – 4 gm	
Meperidine	IV	50 – 100 mg	Not usually given
Methylprednisolone	IV	1 mg/kg	Not usually given
Midazolam	IV	1 – 2.5 mg	Not usually given
Morphine sulfate	IV push	1 – 3 mg	Not recommended
Nitroglycerin paste	Topical	1 – 2 inches	Not recommended
50% Nitrous oxide/ 50% oxygen	Inhaled	self-administered p.r.n.	Not recommended
Procainamide	IV	20 – 30 mg/min	Not recommended
Sodium bicarbonate	IV push	1 mEq/kg	
Verapamil	IV push	2.5 – 10 mg	Not recommended